

## CLAIMS

What is claimed is:

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1 1. A method of supporting development of a phone application code for a computer based phone application platform having a network interface and a telephone interface, the method comprising:

4 receiving over the network interface from a remote computer the phone application code;

5

6 associating the phone application code with a telephone number for communicating with the telephone interface; and

7

8 responsive to receiving a telephone call via the telephone number, executing the phone application code and presenting an audio output over the telephone interface and

9

10 presenting a call flow to the remote computer over the network interface.

1 2. The method of claim 1, wherein the call flow shows the flow of program control in the phone application code during the telephone call.

1 3. The method of claim 1, wherein the call flow includes information for debugging the phone application code.

1 4. The method of claim 1, wherein the call flow concurrent with execution of phone application code on the computer based phone application platform.

1 5. The method of claim 1, wherein the receiving comprises receiving an HTTP request including form data, the form data comprising the phone application code.

1 6. The method of claim 1, wherein the computer based phone application platform  
2 operated by a first legal entity and wherein the remote computer operated by a second legal  
3 entity different from the first legal entity.

1 7. A method of supporting development of a phone application code for a computer  
2 based phone application platform having a network interface and a telephone interface, the  
3 method comprising:

4 receiving over the network interface from a remote computer the phone application  
5 code;

6 associating the phone application code with a telephone number for communicating  
7 with the telephone interface; and

8 responsive to receiving a telephone call via the telephone number, executing the phone  
9 application code and presenting an audio output over the telephone interface.

1 8. The method of claim 7, wherein the executing further comprises presenting a call flow  
2 to the remote computer over the network interface.

1 9. The method of claim 7, wherein the remote computer does not include specialized  
2 phone application development software.

1 10. A method of supporting development of a phone application code for a computer  
2 based phone application platform having a network interface and a telephone interface, the  
3 method comprising:

4 receiving over the network interface from a remote computer a reference to the phone  
5 application code;

6 associating the phone application code with a telephone number for communicating  
7 with the telephone interface using the reference; and

8                   responsive to receiving a telephone call via the telephone number, executing the phone  
9                   application code and presenting an audio output over the telephone interface and  
10                  presenting a call flow to the remote computer over the network interface.

1   11.   The method of claim 10, wherein the reference comprises a uniform resource locator  
2   (URI).

1   12.   The method of claim 10, wherein the executing further comprises retrieving the phone  
2   application code from the reference over the network interface.

1   13.   The method of claim 10, wherein the call flow concurrent with execution of phone  
2   application code on the computer based phone application platform.

1   14.   The method of claim 10, wherein the computer based phone application platform  
2   operated by a first legal entity and wherein the remote computer operated by a second legal  
3   entity different from the first legal entity.

1   15.   A method of supporting remotely hosted phone application development for a phone  
2   application platform using a first computer system, the first computer system supporting a  
3   web interface, the method comprising:

4                  receiving over the web interface a uniform resource identifier (URI) from a second  
5                  computer system, the URI corresponding to the location of a phone application;  
6                  responsive to the receiving the URI, sending a first message to the phone application  
7                  platform using the first computer system, the first message corresponding to a  
8                  request to make the phone application located at the URI available on the phone  
9                  application platform at a telephone number; and

10                 upon receiving a request from the second computer system on the first computer  
11                 system, presenting to the second computer a debugging information generated by

12 calls to the telephone number for the phone application on the phone application  
13 platform.

1 16. The method of claim 15, further comprising sending a second message to the second  
2 computer system, the second message indicating the telephone number for accessing the  
3 phone application on the phone application platform;

1 17. The method of claim 15, wherein the presenting updated with execution of the phone  
2 application on the phone application platform.

1 18. The method of claim 15, wherein the presenting provides the debugging information  
2 in an extensible markup language (XML).

1 19. The method of claim 15, wherein the presenting capable of selecting the debugging  
2 information for a particular ongoing execution of the phone application on the phone  
3 application platform.

1 20. The method of claim 15, wherein the presenting capable of selecting the debugging  
2 information for all ongoing executions of the phone application on the phone application  
3 platform.

1 21. The method of claim 15, further comprising a web interface for controlling debugging  
2 output by the phone application platform for the phone application.

1 22. The method of claim 21, wherein the controlling debugging output comprises  
2 selecting one or more of debugging output from phone application states, phone application  
3 events, phone application field fills, phone application variables, and custom debugging  
4 messages.

1 23. The method of claim 15, wherein the debugging information in the XML comprises a  
2 hypertext markup language with color coded messages, and wherein different colors are used  
3 for different types of messages.

1 24. The method of claim 15, wherein responsive to the sending the first message, the  
2 phone application platform configured to retrieve and execute the phone application at the  
3 URI responsive to a call to the telephone number.

1 25. The method of claim 24, wherein the phone application platform configured to execute  
2 the phone application responsive to receipt of an identifier at start of a call to the telephone  
3 number.

1 26. The method of claim 24, wherein the phone application provided by a developer  
2 having a corresponding identifier, and wherein the phone application platform configured to  
3 execute the phone application responsive to receipt of the identifier at start of a call to the  
4 telephone number.

1 27. The method of claim 15, wherein the phone application comprises an application  
2 written in an XML-based voice application language.

1 28. An apparatus for developing a phone application code, the apparatus comprising:  
2 a network interface for receiving a reference to the phone application code;  
3 a telephone interface to send and receive audio signals to and from the telephone; and  
4 a control subsystem to control the Internet interface and the telephone interface, the  
5 control subsystem including at least one program for  
6 receiving over the network interface from a remote computer a reference to the  
7 phone application code;

8 associating the phone application code with a telephone number for  
9 communicating with the telephone interface using the reference, and  
10 responsive to receiving a telephone call via the telephone number, executing the  
11 phone application code and presenting an audio output over the telephone  
12 interface and presenting a call flow to the remote computer over the network  
13 interface.

1 29. An apparatus for remotely hosted phone application development, the apparatus  
2 comprising:  
3 means for receiving over a web interface a uniform resource identifier (URI) from a  
4 computer system, the URI corresponding to the location of a phone application;  
5 means for sending a first message to a phone application platform responsive to the  
6 receiving the URI, the first message corresponding to a request to make the phone  
7 application located at the URI available on the phone application platform at a  
8 telephone number; and  
9 means for presenting to the second computer a call flow information generated by  
10 calls to the telephone number for the phone application on the phone application  
11 platform upon receiving a request from the computer system.